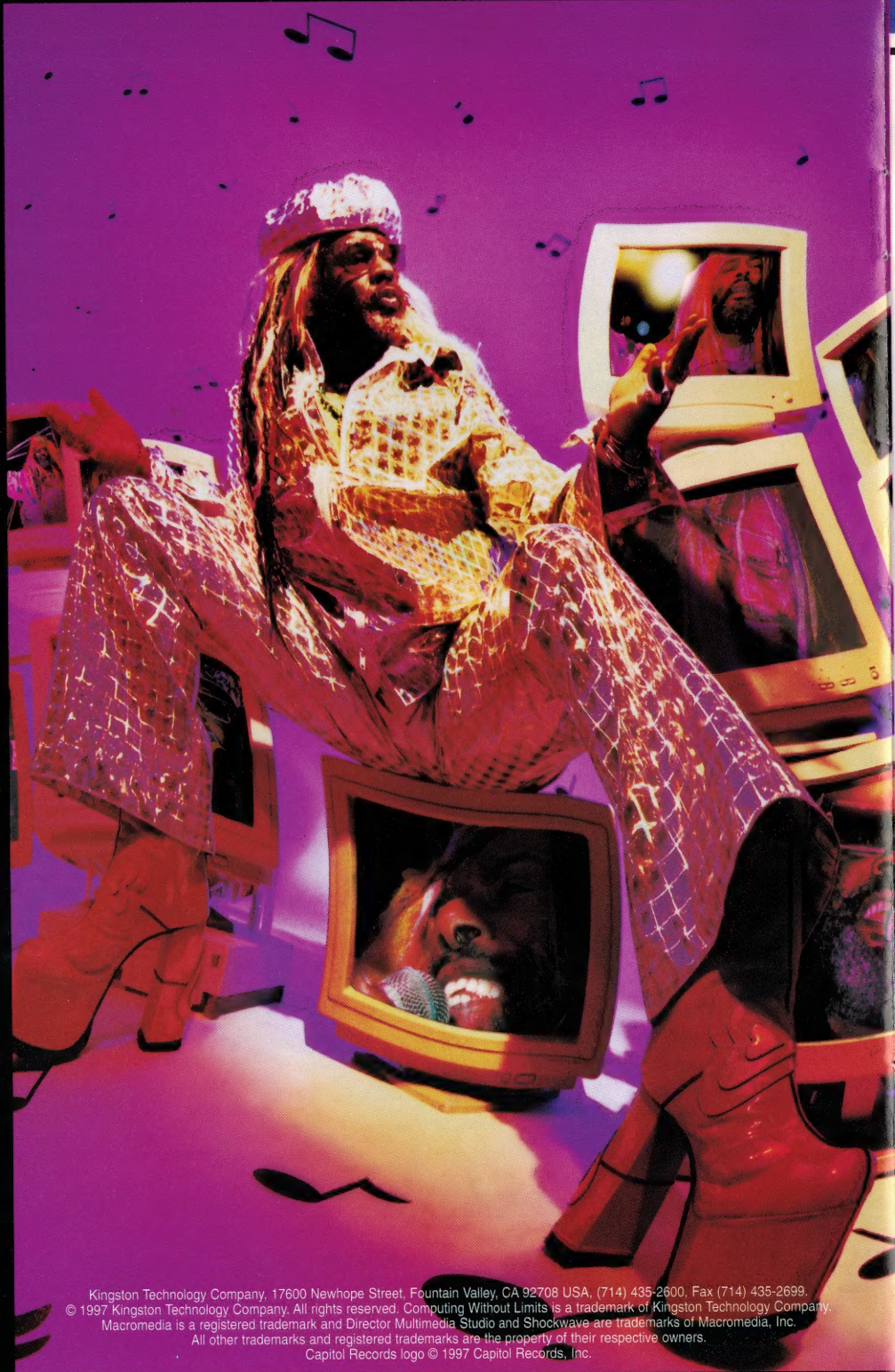


SPRING 97
VOLUME SEVEN

macromedia CONNECTIONS

A GUIDE TO COMPLEMENTARY PRODUCTS AND SERVICES
FOR WEB PUBLISHING, MULTIMEDIA, AND GRAPHICS
LOOK INSIDE FOR THE LATEST MACROMEDIA XTRAS™

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WHY SETTLE FOR A
**REGULAR
WEB SITE**
WHEN YOU CAN HAVE
AN INTENSE NEW
**AUDIO BISCUIT
OF SAMPLEWORTH
BARKHOP?**

*Translation:
a really cool Web site with video, graphics,
and CD-quality sound*

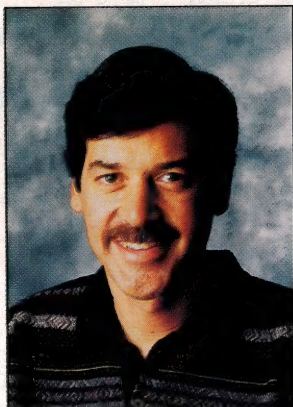


Believe it or not, even funk's Atomic Dog needs help standing out on the Web. So what does George Clinton recommend?

The Director Multimedia Studio™ with Shockwave™ and a mega dose of Kingston® memory. Suddenly, you'll have thunderous streaming audio, eye-popping 3D graphics, and live concert footage. Of course, if you want to bring out the interactive guru from within, you'll need Kingston memory. To find out more, call Kingston at (800) 588-5518. Or visit www.kingston.com/mc.htm. Interested in Director Multimedia Studio or getting a free download of Shockwave? Call Macromedia at (800) 288-9576 or visit www.macromedia.com.



Welcome to Macromedia® Connections



Welcome to the Macromedia family of multimedia, digital arts, and Web publishing tools. This issue of **Macromedia Connections** introduces our newest products and programs as well as our extended family of complementary products and services.

We're proud to announce Director 6, the most powerful tool for authoring multimedia and the Web, on page four. We are also introducing the Backstage Internet Studio 2, the visual way to create database-powered Web sites, and the FreeHand Graphics Studio 7, which provides the most powerful design tools for print and Internet graphics. Only Macromedia Studios offer the real added

value of cross-platform, integrated authoring and production tools.

One of our most exciting new tools is Macromedia Flash 2 for creating and playing back fast Web multimedia. Now it's easy to add lots of graphics, animation, and sound to every page of your Web site using Flash. See for yourself at www.macromedia.com.

Did you know that most Macromedia tools are fully extensible using plug-in Xtras? You'll find dozens of innovative Xtras in this edition of **Macromedia Connections**.

Macromedia also has a full complement of professional programs to help make you more successful. Check out our Authorized Training Center, Professional Developer, and MAGIC Service Bureau programs starting on page 36. And to help you get the most from your investment in Macromedia tools, we have launched Macromedia Press. It is the ultimate resource for information and self-paced training on our tools. Be sure to take advantage of the special offers inside for the first titles from Macromedia Press.

Finally, The Macromedia International User Conference is our most important event of the year. It is your chance to exchange ideas and test new solutions with the experts and thousands of your peers. For details, see page 39.

We hope you enjoy working with Macromedia tools and complementary products. Please don't hesitate to let us know how we can better serve your needs.

Bud Colligan

Bud Colligan
Chairman



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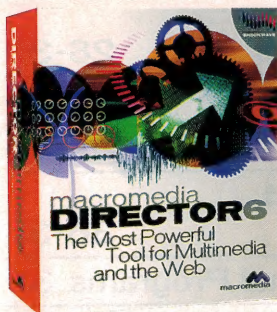
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Introducing Director 6, FreeHand 7, Flash 2, and the

Move far beyond your competition with the next-generation of multimedia, graphic design, and Web publishing software for both Windows® and Macintosh®.



Get the Director of your dreams.

Director 6 offers incomparable features and versatility to developers of interactive multimedia applications. Create and import 2D and 3D graphics, text, animation, sound, and digital video from a wide variety of sources; synchronize media elements; and easily add interactivity to produce a CD-based application. Then take it to the Web with the most advanced Web authoring and playback features available.

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Win 95/Win NT

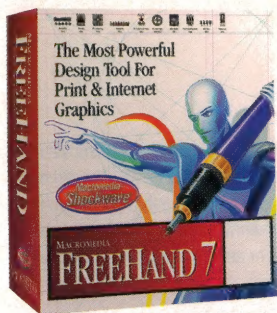
Program Support:

Director®/Authorware®
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FreeHand™
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for playing Web animations, graphics, and sounds on demand

Director 6 Multimedia Studio includes Extreme 3D 2, the leading tool for 3D modeling, animation, and rendering; Macromedia xRes 3, the creative tool for high-performance image editing and compositing; and SoundEdit 16 v2.2 (Macintosh) or Sound Forge XP (Windows), the standards for professional desktop audio production.



Unleash your creativity with FreeHand 7.

The most powerful cross-platform design tool for print is now the most powerful for Internet graphics. FreeHand 7 includes comprehensive design tools, multi-page layout, extensive special effects, full-color autotrace, open architecture for plug-in Xtras, seamless integration with other graphics programs, and superior performance in print and on the Web.

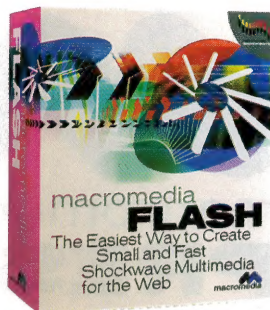
Want more? Check out the FreeHand Graphics Studio 7 with Extreme 3D, the leading tool for 3D modeling animation, and rendering; Macromedia XRes, the creative tool for high performance image editing and compositing; and Fontographer 4.1, the standard for font design and editing.

with new tools

Backstage InternetStudio 2

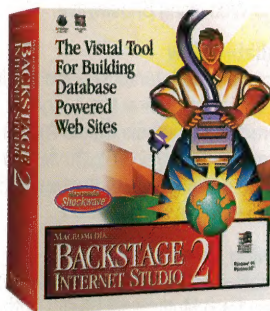
Add Flash to your Web site.

Create vector-based Flash animations, buttons, graphics, and sounds to every page of your Web site. Use Flash to create animated, interactive Web interfaces, advertising banners, navigation panels and buttons, logos, technical illustrations, and cartoons. Flash animations add drama to your Web pages, focusing your audience's attention right where you want it without slowing down the browsing experience.



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The Backstage Internet Studio 2 makes it easy with its visual development approach. It combines WYSIWYG authoring with 16 dynamic server-side objects to quickly build intranets, commerce sites, and other key business applications. In addition, Backstage offers superior extensibility as well as compatibility with the most popular standards from Netscape® and Microsoft®. It also offers a Web server, Web image editor, and library of Web-ready Shockwave movies right out of the box!



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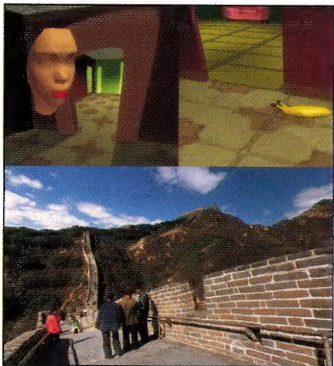
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RealVR Xtra is the first product which brings the full power of RealVR to Macromedia® Director® users. The Xtra offers the ability to display and script VRML 2.0 3D objects and panoramic images in the same environment using Director's powerful Xtra plug-in architecture.

Panoramic Viewing

- 360 by 180 degree cylindrical, spherical and cubic panoramas
- Pitch, yaw and roll camera orientation.

VRML 2.0 Rendering

- Realtime 3D texture mapped polygon rendering with Gouraud shading.
- Lingo™ programmers can control properties of many VRML 2.0 nodes to create highly interactive and animated 3D worlds.

Integrated Media Environment

- Sprites, videos, graphics, 3D objects, QuickTime VR objects, and panoramic images can be drawn into the same environment.

Internet Browsing

- Shockwave™ compatible.
- Progressive image streaming.
- Built-in Internet connection allows CD-ROM titles to obtain media from the Internet without the use of an Internet browser.

System Requirements

- Power Macintosh: MacOS 7.5+, 16MB RAM, 16-bit color video.
- PC: Windows 95, 16MB RAM, 16-bit color video.

Platform Support:

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Win 95/Win NT

Program Support:

Director®

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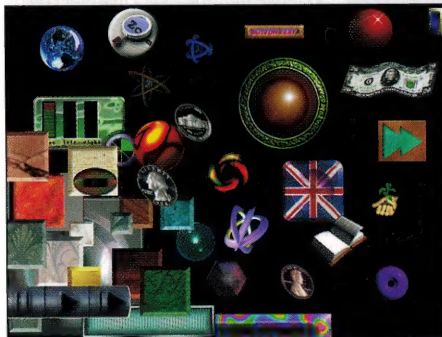
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Program Support:

Director®

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Keep your own Director movie open while you browse and install buttons. IB&C's powerful drag & drop feature makes it a multimedia producer's most powerful secret weapon; just drag any button from IB&C into your movie. That's it! IB&C puts everything you want into your movie: lingo behavior, sound and animation.



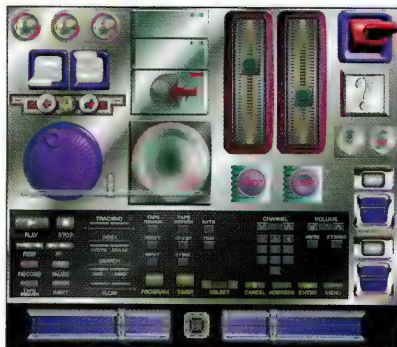
rop Toolset for Director® Is v3.6

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The buttons in IB&C v3.6 are available in Director 5 and 6 formats for both Macintosh® and Windows®.

Button sounds Drag & Drop into your production.

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- Over 12,500 images
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- "Bookmark" your favorite buttons
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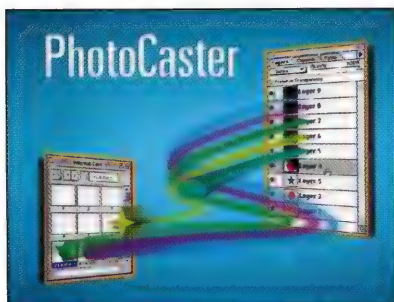
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AlphaMania and PhotoCaster[®] dream tools for Director[®]

PhotoCaster - Eliminate hours of tedious work.



The PhotoCaster Director Xtra[™] lets you bring your Photoshop files, layer by layer, into your Director Cast with one click. Create your graphics in Photoshop, select PhotoCaster from Director's Insert menu and - O Mighty Isis - you've just imported your entire Photoshop file! **Each layer appears as an individual cast member**, indexed, anti-aliased, properly registered, transparency preserved and good to go.

PhotoCaster Platform Support:

Mac
Win 95/Win NT

Program Support: Director[®]

"...[these Xtras] revolutionize the way you work with Director."

Interactivity Magazine,
January 1997



There are two ways to get Photoshop graphics into Director - the PhotoCaster way and the hard way. Before PhotoCaster, Director users had to spend countless hours tediously exporting, indexing, importing, repositioning, and renaming. With PhotoCaster - those hours are yours again.

And there's **no Lingo required!** PhotoCaster is easy to use and will save untold amounts of time and money (most customers say it paid for itself the first day they used it!)

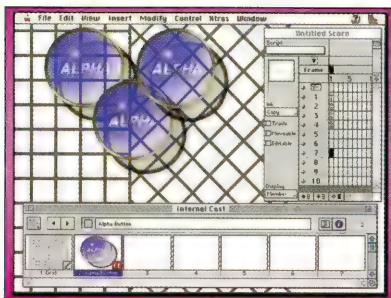
PhotoCaster Features:

- Import Photoshop 3.0 (or later) files directly into your Director cast
- Create individual cast members from layers
- Optionally flatten the image on import to make just one cast member
- Control color mapping: 24-bit, current palette, or custom palette
- Integrated into Director's interface - just pull down a menu
- Generate a custom palette derived from the layers in your Photoshop file
- Keep layer registration
- Preserve anti-aliasing between layers
- Flatten linked layers into single cast members
- Optionally ignore hidden layers
- Dithering to a specified number of colors
- Arbitrary selection of which layers to import
- Works seamlessly with AlphaMania

Caster - developers.

AlphaMania - The multimedia developer's dream tool.

The AlphaMania Director Xtra™ allows graphics used in Director to dynamically anti-alias to anything behind them just like Director's rich text. It provides authors with a bitmap cast member which supports live alpha channel rendering. That means a developer doesn't have to worry about changing backgrounds. **Graphics will automatically anti-alias to any new background that is dropped in.**



- Dramatically reduce the number of cast members.
- Reuse interface elements - regardless of backgrounds.
- Effortlessly implement live user-defined graphics.

AlphaMania also allows transparency support for doing never before possible special effects like glass buttons or transparent objects that can be animated over multi-colored backgrounds while maintaining their transparency. True dynamically feathered shadows are now possible in Director. All are independent of the sprite location, color depth, and changing backgrounds. AlphaMania imports PICT, TGA, and (in conjunction with Media Lab's PhotoCaster Xtra) Photoshop layers complete with their alpha channel information.

Download our free demos and try AlphaMania & PhotoCaster today:
www.medialab.com/software/

AlphaMania: \$249 On-line, \$299 Packaged

PhotoCaster: \$199 On-line, \$249 Packaged

Bundle (AlphaMania & PhotoCaster): \$399 On-line, \$499 Packaged

**AlphaMania
Platform Support:**
 Mac
 Win 95/Win NT
 Win3.x Playback Only

Program Support:
 Director®



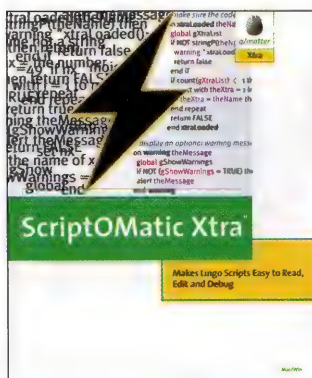
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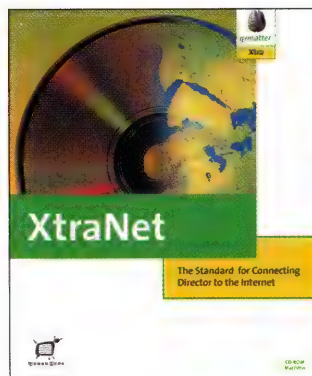


ScriptOMatic Xtra
Makes Lingo Scripts Easier to Read, Edit and Debug.

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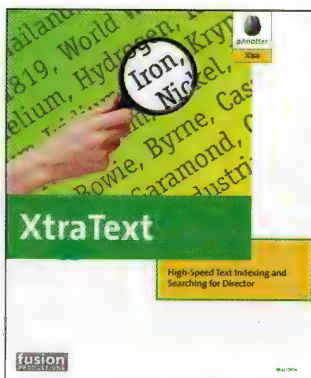
XtraNet
The Standard for Connecting Director to the Internet.

Enhance the rich multimedia content found on CD-ROMs and kiosks with the resources and immediacy of the Internet. XtraNet ships with a collection of Protocol Agents, Content Couriers, a Multi-User Widget and a Peer-to-Peer Widget which make it easy to add robust Internet connectivity to any Director production. (for Director 5 and 6) Developed by Human Code, Inc. \$499 USMSRP

atter, the World's romedia Xtras.

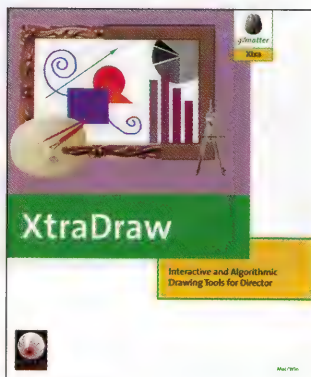
XtraText High Speed Text Indexing and Searching for Director.

With XtraText's lightning quick engine, you can now enable Director to search and index thousands of cast-member documents in mere seconds. XtraText makes it easy to add indices, glossaries, hypertext and other text features to any multimedia project. (for Director 5 and 6) Developed by Fusion Productions, Ltd. \$299 USMSRP



XtraDraw Interactive and Algorithmic Drawing Tools for Director.

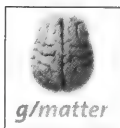
XtraDraw makes it easy to incorporate custom paint tools into consumer titles and on-the-fly interactive charts and graphs for business presentations and more. Its full set of Sprite and Lingo tools can add new drawing and graphing features to all of your projects. (For Director 5 and 6) Developed by Red Eye Software. \$299 USMSRP



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Program Support:
Director®

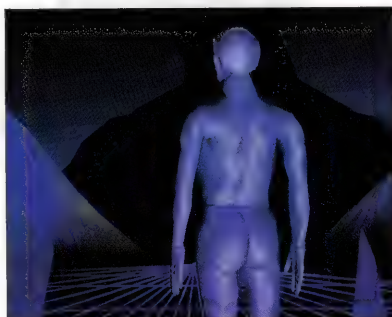
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Develop Virtual Reality applications using Director - create titles with movement in six degrees of freedom and full control over lights, materials, textures, points of view and backgrounds. Build applications like: virtual museums, industrial simulations, 3D quest games, etc.

3D Dreams is easy to use - design and import the 3D worlds models using 3D Dreams visual tools. The visual tools are

integrated within the familiar Director environment. You don't have to learn any new language, just use Lingo to develop amazing interactive real-time 3D applications quickly and efficiently.

Publish your 3D Dreams-based titles over the Internet - use Shockwave to publish your 3D Dreams over the Internet. Imagine even building your own virtual reality site using Shockwave and 3D Dreams.

Enjoy high performance 3D graphics - 3D Dreams delivers optimized high-quality real-time rendering capabilities, exploiting Intel's Pentium or the new MMX technology and Microsoft® Direct3D.

How do you build a 3D Dreams-based application?

- 1) Design 3D worlds using industry standard tools, like Autodesk 3D Studio.
- 2) Import the 3D worlds into Director using the 3D Dreams Visual Tools.
- 3) Create any kind of interaction between the 3D objects using simple Lingo script. And that's it . . .



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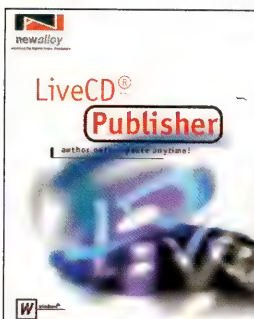
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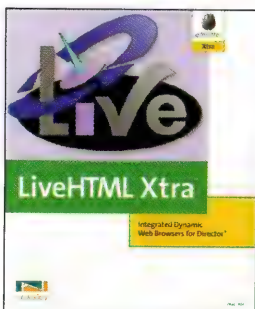
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LiveHTML Xtra lets you drag and drop a custom HTML browser right into your multimedia interface! Choose between the built-in HTML renderer or Microsoft® Internet Explorer ActiveX™ control to display interactive Web pages direct from a local CD or a live Internet connection. LiveHTML Xtra also provides Server Push features which allow remote LiveServers (available from New Alloy) to inform your multimedia production that updated content exists for viewing. Browser data is intelligently cached on local systems for faster display.

LivePlug Xtra allows CD-ROM developers to integrate the latest Internet media, such as MIDI, VRML, compressed audio, vector-based animation and more, using Netscape Navigator™-compatible plug-ins right in Director! LivePlug Xtra supports playback of plug-in media direct from a local CD or a live internet connection. No browser or special technology is required. Supports all popular platforms, including Windows 3.1. Works great with LiveHTML Xtra.

These Xtras are perfect complements to g/matter's XtraNet software.

g/matter, inc.

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Win 95/Win 3.x

Program Support:
Director®/Authorware®

Special Features:
Manage hybrid media
Push updating

Customize content
based on user profile

Platform Support:

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Program Support:
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Special Features:
Integrated HTML
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ActiveX control
support
Use Navigator Plug-ins

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Special Features:
Embeds MPEG playback support onto a CD-ROM.

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Recognizing the needs of multimedia developers, and being the worldwide distributor of SoftPEG, Visible Light developed a complete set of tools around the SoftPEG decoder. The OnStage XTRA is a full-featured Sprite XTRA that gives you awesome flexibility and control. You can even attach a toolbar! Lingo functions give you complete control of the MPEG playback process.

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Program Support:

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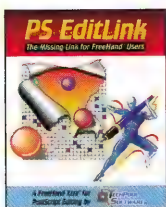
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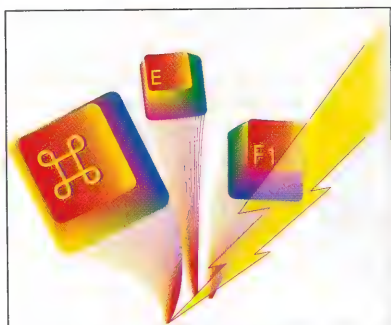
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MacWorld Magazine
June 1996

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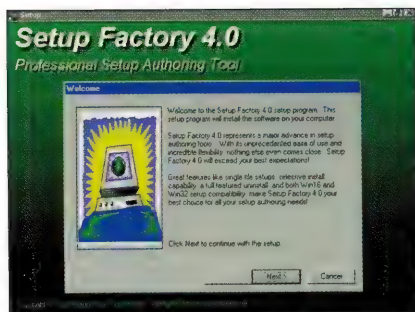
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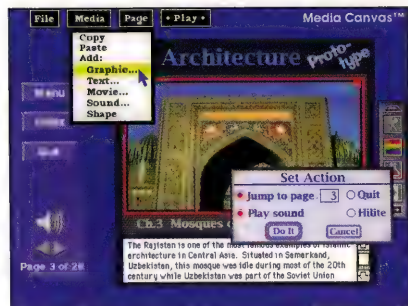
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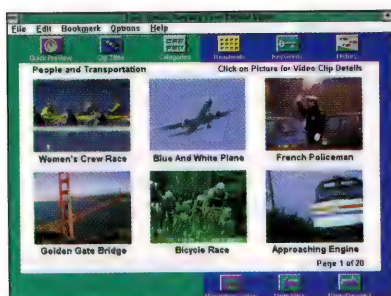
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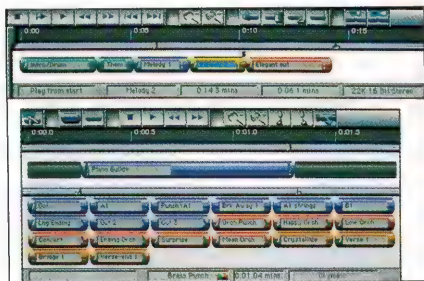
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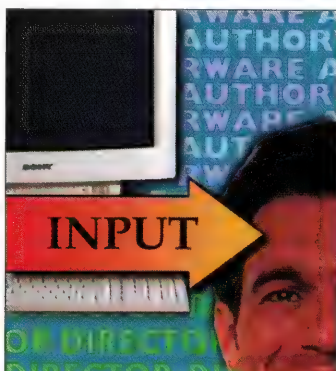
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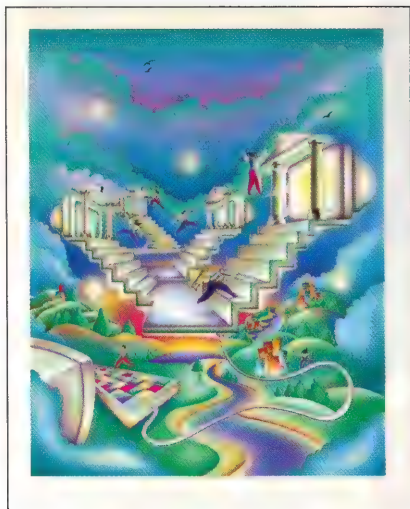
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Web: www.amrcorp.com/worldtutor

Platform Support:

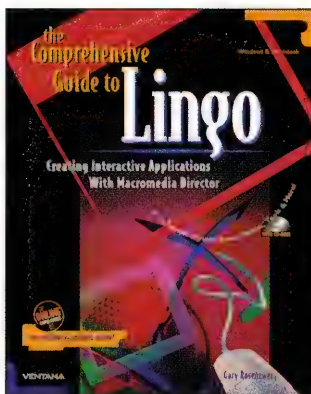
Mac
Win 95/Win NT/Win 3.x

Program Support:

Director®

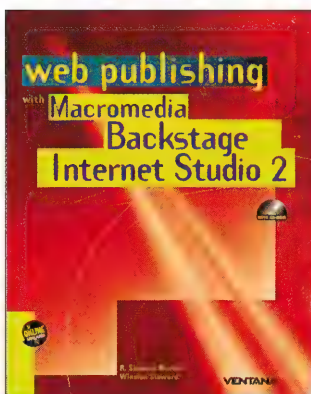
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Company Xtra Name	Phone	Email	URL	Director/Authorware		
				SoundEdit 16 plus Deck II FreeHand		
Allegiant Technologies Marionet	619-587-0500	info@allegiant.com	www.allegiant.com/marionet		X	
	Complete and easy TCP/IP access from Director.					
Avenza MAPublisher	800-884-2555	info@avenza.com	www.avenza.com/MAPublisherV2.html		X	
	Facilitates desktop mapping from GIS and custom databases.					
BeInfinite InfiniteFX	800-554-6624	beinfinite@aol.com	www.beinfinite.com/software.html		X	
	Provides FreeHand users with 55 special effects.					
Brooktree Corporation BIV Mediastream Xtra	619-535-3476			X		
	Allows Director to control BIV MediaStream video playback hardware extensions.					
Central Queensland University OSUtil Xtra	(61) 79-309-913	m.keppell@cqu.edu.au	www.ddce.cqu.edu.au/imu/tools/director/Xtras/Usuti	X		
	Enables the Director Lingo Scripter to use standard operating system calls right from Lingo.					
codeHorse Inspect	914-961-4656	support@codeHorse.com	www.codeHorse.com/inspect/index.html	X		
	Inspect is a window that complements the message window and the debugger in the Director authoring environment.					
Component Software Industries File Flex	609-497-4501	webmeister@component-net.com	www.component-net.com/fileflex/ff-sw-archive.html	X		
	Provides behind-the-scenes data access and storage services for multimedia developers.					
Digital Dreams Speech Xtra	510-547-6929	dreams@surftalk.com	www.surftalk.com/Hi-Res/asrxtra.html	X		
	Enables multimedia developers to incorporate spoken user interactions into their products.					
Dirigo Multimedia Versions Xtra	207-767-8015	gpicher@maine.com	www.maine.com/shops/gpicher/progcopy.html	X		
	Determines QuickTime, DOS, Windows and file version numbers.					
Ephyx Technologies V-Active Director 5 Xtra	(972) 956-3055	info@ephyx.com	www.ephyx.com/prod/extra.htm	X		
	Full, two way, integration of V-Active movies into Director 5.					
Extensis Corporation VectorTools 2.0	503-274-2020	dsmedley@extensis.com	www.extensis.com/products/DrawTools		X	
	VectorTools 2.0 (Mac) is a powerful collection of productivity tools for FreeHand that accelerates commonly performed production tasks.					



Company Xtra Name	Phone	Email	URL	Director/Authorware		
				FreeHand	SoundEdit 16 plus Deck II	
g/matter	415-243-0394	sales@gmatter.com	www.gmatter.com/gzone/gzone.html#directsound			
Dialogs Xtra	Generates standard save and open dialog boxes.			X		
DirectSound Xtra	A Lingo Xtra that enables the use of Microsoft's DirectSound API in Director applications.			X		
FileUtil Xtra	FileUtil Xtra is a Lingo Xtra to provide file/folder management support to your Director projects.			X		
Killer Transitions	A complete collection of new custom transitions for Director 5 and Authorware.			X		
LiveCD Xtra	Integrated dynamic Web browsers for Director.			X		
PickFolder Xtra	Chooses folders on Mac and Windows.			X		
Plugin Xtra	Adapts Navigator-compatible plug-ins for Director.			X		
PopMenu Xtra	Lets you create hierarchical popup menus with a minimal amount of Lingo.			X		
PrintOMatic Xtra	Adds easy to use, cross platform printing functionality to Director 5.0.			X		
ProgressCopy Xtra	Copies files with a progress bar and cancel button.			X		
ScrnUtil Xtra	ScrnUtil Xtra is a complete replacement for the popular StageToCast and StageToPCT XObjects.			X		
Sound Xtra	Satisfies all of your sound playback and sound recording needs.			X		
Trans-X Xtra	Trans-X Xtra lets you create your own transition effects by creating animated 1-bit masks and then applying those as a transition.			X		
XtraNet	XtraNet is an Xtra for Macromedia Director and Shockwave which provides connectivity to the Internet and intranets. See our ad page 12.			X		
Hed Arzi-Multimedia	(972) 3-533-3333	multimedia@hedarzi.co.il	http://194.90.149.4/DirectXtras/			
DirectControl Xtra	A Lingo Xtra which provides fast and consistent access to analog and digital joysticks.			X		
DirectSound Xtra	Enables Director applications to use Microsoft's DirectSound 2 API.			X		
Human Software	408-399-0057	102474.3471@compuserve.com	www.humansoftware.com/HSmedley.html			
Medley	Lets you assemble multiple layers of pictures with low RAM directly within FreeHand.				X	
Textissimo	Lets you create zillions of effects around any Outline Type or Vector Graphics.				X	
ImageMind Software	800-321-5933	marcom@imagemind.com	www.imagemind.com/develop.htm			
Play Video	Plays standard motion video (AVI) FULL SCREEN with synchronized sound from Director.			X		
Information Technology Institute	(65) 770-5724	livecd@iti.gov.sg	http://livecd.iti.gov.sg/			
LiveCD Xtra	Adds dynamic and WWW multimedia content to Director movies.			X		
Integration, Inc.	514-871-2871	sales@integration.qc.ca	www.integration.qc.ca/DownloadV12.html			
V12 Database Engine	A cross-platform database management Xtra/XObject for Director.					X
InVision	415-812-7380	dennym@cybersound.com	www.cybersound.com			
CyberSoundFX	Audio filters for SoundEdit 16 and DECK II 2.5.				X	



Company Xtra Name	Phone	Email	URL	Director/Authorware	Freehand	SoundEdit 16 plus Deck II
LetraSet Envelopes	800-631-1603	esselte_new_media@esselte.com	www.letraaset.com/letraaset/catch/envelopesdemo.html	X		
Lizard Tech Planet Color Xtra	206-320-9969	info@lizardtech.com	www.lizardtech.com	X		
Macromedia Enhanced CD Development Kit	415-252-2000		www.macromedia.com/software/xtras/register/	X		
File IO			Two XObjects (ECDCTRL and ECDFILE) that provide cross-platform CD Audio and file system control from within Director.	X		
MMX Xtra			Allows for the cross-platform reading and writing of text files.	X		
QuickDraw 3D			This Xtra provides optimization for Intel's MMX technology within Director.	X		
Maxwell Labs MathXtras	619-279-5100	marion@maxwell.com	www.maxwell.com/MathXtras	X		
Media Lab AlphaMania PhotoCaster	800-282-5361	extra-sales@medialab.com	www.medialab.com	X X		
Meetinghouse Tech MHT-Connect MHT-Search	410-573-9273	mhtinfo@aol.com	www.meetinghouse.com/downloads.html#search	X X		
MetaTools KPT Vector Effects	805-566-6209	jfield@metatools.com	http://metatoys.metatools.com/software/vex.shtml	X		
NEC USA Anecdote	408-943-3000	anecdote@ccr1.sj.nec.com	http://ccr1.neclab.com/Anecdote	X		
New Alloy, Inc. LiveCD Publisher	415-696-3125	sales@newalloy.com	www.newalloy.com	X		
North Coast Interactive, Inc. Wind-X Xtra	216-481-1274	interactive@interax.com	www.interax.com/~interactive/xtras/	X		



Company Xtra Name	Phone Description	Email	URL	Director/Authorware	Freehand	SoundEdit 16 plus Deck II
Penworks Corporation	800-736-9679	admin@penworks.com	www.penworks.com/xtras/blinker/blindex.htm			
Blinker Xtra	Blinker Xtra makes sprite blinking extremely easy - with full control.			X		
Rollover Toolkit	Simplifies rollovers - simulates mouseEnter and mouseLeave functionality.			X		
Progressive Networks	206-447-0567		www.realaudio.com			
Real Audio Encoder Xtra 2.0	Exports audio as RA format from SoundEdit 16.			X		X
RealAudio SDK for Shockwave Control	Real Audio stream from Shockwave.			X		
RAD Game Tools, Inc.	801-322-4300	mitchs@radgametools.com	www.radgametools.com			
Miles Xtra	The Miles Xtra lets Director users control any type of audio, including wave, MIDI, streams or redbook. See our ad page 17.			X		
Smacker Xtra	The Smacker Xtra gives Lingo programmers complete playback control of Smacker animation files. See our ad page 17.			X		
RealSpace, Inc.	408-261-6266	realvr@rspace.com	www.rspace.com			
RealVR Xtra	Combines panoramic viewing, VRML 2.0 and Internet browsing in one. See our ad page 7.			X		
Shells Interactive Film-Art Ltd. (972) 9-771-0205 x210		shells@shells.co.il	www.shells.co.il/			
3D Dreams	Incorporates interactive 3D worlds into Director titles. See our ad page 14.			X		
stat media	714-280-0038	ibc@statmedia.com	www.statmedia.com			
Instant Buttons & Controls v3.6	A Drag & Drop professional toolkit containing 4,000 buttons and controls including Lingo, Sounds & Animation. See our ad pages 8 & 9.			X		
Tabuleiro da Baiana Multimedia (55) 11-971-3342	tbaiana@tbaiana.com	www.tbaiana.com				
MpegXtra Pro	Allows Director developers to easily incorporate MPEG videos into their multimedia products.			X		
WebXtra	Create your own browser with Director.			X		
TechPool Software	800-925-1922	info@techpool.com	www.techpool.com			
PS EditLink	Direct PostScript and EPS import into FreeHand. See our ad page 18.				X	
Trailer Parc Technologies	415-248-1350	info@trailerparc.com	www.trailerparc.com			
Insta.html	Exports formatted FreeHand pages as HTML with embedded GIFs or Shockwave. See our ad page 18.				X	
Visible Light	407-786-5693	sales@visiblelight.com	www.visiblelight.com			
OnStage	Adds the power of full-motion video to CD-ROM presentations by embedding a special version of SoftPEG onto the CD-ROM to enable MPEG playback without requiring the end user to install an MPEG decoder. See our ad page 16.			X		



Director/Authorware

Freehand

SoundEdit 16 plus Deck II

Company Xtra Name	Phone	Email	URL			
Waves Native Power Pack	423-689-5395	waves@waves.com	www.waves.com/			X
	Attain world-class sound quality from your DECK II and SoundEdit16 files with the new Native Power Pack from Waves, the complete effects processing solution for professional development that requires no additional hardware.					
WavesConvert	A tool for the specialized conversion of sound files for optimized playback in multimedia authoring titles.			X		
XtraMedia ChartsInMotion Xtra	415-387-4502	info@extramedia.com	www.xtramedia.com/xtras.shtml		X	
TableMaker Xtra	Enables you to view data in a window over the Director Stage.				X	
Yair Sageev OnLooker	718-965-0394	yair.sageev@nyu.edu			X	
	Sprite monitoring utility.				X	
SoundSprocket Xtra	A plug-in for Director 5 that provides multimedia developers with full featured, spatial filtering of sound.				X	
TextCruncher	Text handling.				X	
Yamaha Corporation MIDXTRA	(81) 53-460-2936	sibazaki@cbx.emi.yamaha.co.jp	www.yamaha.co.jp/english/kg/html/midixtra/midixtra		X	
	Allows you to use MIDI from Lingo, greatly reducing disk space.					
Zeus Productions zLaunch	510-787-1444	baepstein@aol.com	http://users.aol.com/ZeusProd/private/zLaunch.html		X	
	Lets you launch external applications.				X	
zScript	Allows Director to send and receive Apple Events, and communicate with other AppleScriptable applications. See our ad page 18.				X	

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USA							
Arizona				Maine			
University of Advancing Computer Tech.	Phoenix	602-437-0405	A	Archiva	Bangor	207-941-8628	D
Alabama				Maryland			
ICOMPI	Mobile	334-470-0954	A/D	d'Vinci interactive	Hagerstown	301-797-2386	A
California				Massachusetts			
Chapman University	Orange	714-744-7957	D	Grass Roots Consulting	Burlington	617-273-2284	D
CIBER Training Services	San Francisco	415-281-6100	A/D	Iconcepts	Cambridge	617-661-7289	A/D
FRAX, Inc.	San Jose	408-279-3059	D	Minnesota			
g/matter, Inc.	San Francisco	415-243-0394	D	Allen Interactions	Minneapolis	800-204-2635	A
InfoDirect	Westlake Village	818-706-2400	A	First Tech	Minneapolis	612-374-8052	D
Multimedia Resource Group	San Jose	408-277-0783	D	Missouri			
MULTIMEDIA WORKSHOP	Los Angeles	310-444-6320	D	Designlab Corporation	Kansas City	816-471-8400	A
MULTITRAIN INTERNATIONAL	Long Beach	310-494-4091	A/D	New Jersey			
Learning Tree University	Chatsworth	818-862-5599	D	Alphairain	Union	908-688-1990	A
Learning Tree University, Irvine Campus	Irvine	714-442-0690	D	Digital Consortium	Morristown	201-267-7885	D
Productivity Point International/Los Angeles	Culver City	310-216-4000x340	D	The Computer Pros, Inc.	Nutley	201-438-7271	A
Parallax Technologies, Inc.	Fremont	510-354-2088	A/D	New York			
Terrapin Design, Inc.	Berkeley	510-665-1500	A	Bluestreak Digital / NAFT	New York	212-965-6800x873	A/D
Colorado				Desktop America	New York	212-245-9457	D
Knowledge Alliance	Denver	303-338-7121	D	Motion Over Time	New York	212-229-1148	A/D
Media Lab, Inc.	Louisville	303-499-5411	A/D	Pratt Manhattan	New York	212-925-8481	A/D
multimedia masters	Colorado Springs	719-635-3806	A/D	Ohio			
Red Rocks Community College for CIS/CSC Dept.	Lakewood	303-988-6160	A/D	Copier & Associates, Inc.	Cleveland	216-861-5951	A/D
Florida				TyJill Enterprises, Inc.	Rossford	419-666-7400	D
SunTech 3, Inc.	Altamonte Springs	407-862-1144	A	Oregon			
Georgia				New Horizons Computer Learning Center	Beaverton	503-641-8028	D
Georgia Institute of Technology	Atlanta	404-894-1055	A/D	Portland State University	Portland	503-725-4803	D
Media Magic, Inc.	Atlanta	770-986-8806	A/D	Pennsylvania			
Illinois				Brookwood Media Arts	Spring House	215-643-8580	D
AACTT - American Academy of Computer Training & Technology	Rolling Meadows	847-590-9500	D	New Media Group	Pittsburgh	412-765-3696	D
Allen Interactions	Chicago	312-661-0255	A/D	Synergis Technologies, Inc.	Quakertown	215-529-9900	A
Wheeler Multimedia Consulting	Chicago	773-866-2438	D	Texas			
				AMR Training & Consulting Group	Fort Worth	817-967-4450	A

State	City	Tel.	Product	State	City	Tel.	Product
College of the Mainland	Texas City	409-938-121x535	D	France			
Collin County Community College-Apple Regional Multimedia Center	Plano	214-881-5968	A	CEFI sarl	Aix-en-Provence	(33) 44-293-0391	D
Computers Made Simple	San Antonio	210-734-2444	A	IPECI	Paris	(33) 01-4027-8999	D
Digital Training & Designs, Inc.	Dallas	972-407-9303	A/D	Saymac	Guernantes	(33) 16-430-6197	D
Multimedia Enterprise, Inc.	Austin	512-891-0680	A	Germany			
Richland College	Dallas	972-238-6996	A/D	Cross Media GmbH	Herten-Westerholt	(49) 20-961-3624	A
Utah				mediadesign GmbH Berlin	Berlin	(49) 30-399-2660	A/D
Media Express	Salt Lake City	801-575-2171	D	newvis multimediadesign GbR	Braunschweig	(49) 531-256-3621	D
Virginia				Greece			
DSC Resources	McLean	703-917-8631	D	Integrated Information Systems S.A.-MuViReX	Athens	(30) 1957-6695	D
DSC Resources	Richmond	804-644-5737	D	Hong Kong			
EEI	Alexandria	703-683-7453	D	Echo Presentation Services	Kowloon	(852) 2788-5338	A
Washington				PacRim Technologies Ltd.	Hong Kong	(852) 2832-9322	D
MAGI Group, Inc.	Redmond	206-869-5411x110	D	India			
Washington DC				Arena Multimedia/Aptech	Bombay	(91) 228-3898-3136	A/D
Advanced Laser Graphics		202-342-2100x186	A/D	Malaysia			
Wisconsin				Meway Computec SDN BHD	Petaling Jaya	(60) 3-735-7817	A/D
Complete Multimedia Solutions, Inc.	Milwaukee	414-290-1919	A/D	Mexico			
Australia				Nuevo León			
Australian Capital Territory				ITESM Campus Monterrey, Div. Univ.Virtual	Monterrey	(52) 8358-2000x4730	A
Australian National University, M.I.L.L.	Canberra	(61) 6-249-3466	D	VENTURUS	Monterrey	(52) 8-838-3316	A/D
New South Wales				Mexico			
Firmware Design	Penrith	(61) 4721-7211	A/D	VENTURUS	Mexico DF	(52) 85-593-6121	A/D
SAE Technology College	Sydney	(61) 2-9211-3711	D	Netherlands			
South Australia				Total Multimedia Solutions (TMS)	The Hague	(31) 70-314-3526	A/D
Centre for Applied Learning Systems	Adelaide	(61) 8207-8532	A/D	Philippines			
Victoria				Meco Enterprises Inc.	Metro Manila	(63) 287-5564	A
Deakin University	Clayton	(61) 3-9244-7286	A	Singapore			
Dept. of Visual Communication, Royal Melbourne Institute of Technology	Melbourne	(61) 3-9660-3810	D	Media 21 Consultants Pte Ltd.	Singapore	(65) 323-5821	A/D
Western Australia				Midas Technologies Training Centre Pte Ltd.	Singapore	(65) 258-8850	A/D
Advanced Manufacturing Technologies Centre	East Perth	(61) 9235-6424	A	Ngee Ann Polytechnic	Singapore	(65) 489-5755	A
Brazil				South Africa			
Caps	Sao Paulo	(55) 51-899	D	Anvitech	Kempton Park	(27) 11-476-8114	A/D
Canada				Mediatek Training	Durban	(27) 31-305-4200	D
Alberta				Thailand			
TTG Systems Inc.	Edmonton	403-462-6365	A	I.T. Supplies	Samsainnai Pyathai	(66) 2618-2222	A
British Columbia				United Kingdom			
Paramedia Consulting, Inc.	North Vancouver	604-990-3920	D	Appropriate Learning	London	(44) 71-498-0299	D
Vancouver Film School Multimedia	Vancouver	604-685-6331x112	D	BIT Group Limited, Interactive Development Division	London	(44) 171-251-5080	A/D
Ontario				MacUniversity	Albert Embankment	(44) 71-582-3702	D
Canadian Business School	Toronto	416-925-9929x9840	D	Peritas Ltd.	Old Windsor	(44) 171-5360-4063	A/D
Center for Internet & Multimedia Development International (cimdi)	Bickering	905-831-8848	D	The Corps Business	London	(44) 171-259-9898	D
Digital Media Studios, a division of Hoffmann & Associates	Toronto	416-977-6732	D	Trimac Technology Ltd.	Sheffield	(44) 114-272-4127	D
Fifth Dimension	Ottawa	613-737-7333	A				
Inner Action, Inc.	Carleton Place	613-257-1949	D				
Toronto Image Works	Toronto	416-703-1999	D				
TTG Systems Inc.	Don Mills	416-447-4344	A				
China							
China Multimedia Association	Taipei, Taiwan	(886) 2-567-5060	A/D				
China Productivity Center	Taipei, Taiwan	(886) 2-713-7731	A/D				
National Chengchi University-Dept. of Management Information Systems	Taipei, Taiwan	(886) 2938-7414	A/D				

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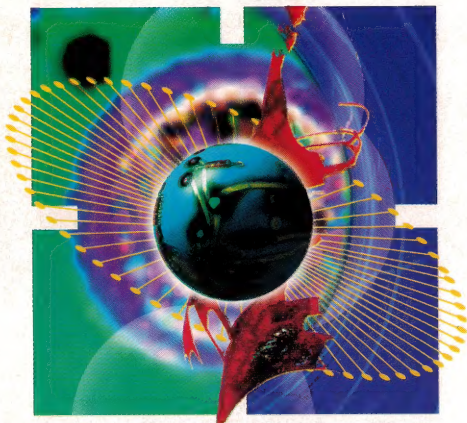
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MPDP members receive a 30 percent discount on the price of attending the 1997 Macromedia International User Conference (good for up to two attendees per member company - a \$600 value) and a 20 percent discount on the price of joining the Xtras Developer Program (XDP).

Developer Central

For the latest Macromedia technical information and guidelines on becoming a beta test site or on submitting work to the Shockwave Gallery, go to Developer Central on www.macromedia.com. There, you can find current announcements, including developer events and contests, and many other developer resources.

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